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TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-01-7367

EPA Region 5 Records Ctr.



243443

Mr. Duane Heaton
Deputy Project Officer
Emergency Support Section, 5 HS-12
U.S. Environmental Protection Agency
230 South Dearborn Street
Chicago, Illinois, 60604

April 25, 1990

TAT-05-G2-01711

Re: Interstate Pollution Control, Rockford, Illinois
TDD# 5-9002-34

Dear Mr. Heaton:

On February 27, 1990, the U.S. Environmental Protection Agency tasked the Technical Assistance Team to prepare a cost projection for the removal of seven underground storage tanks and contaminated soil and for the placement of a clay cap and chain link fence at the Interstate Pollution Control site in Rockford, Illinois. On April 10, 1990, OSC Zintak requested that an additional cost estimate be prepared for incineration of the waste and demolition of the on-site building, in addition to the cap and fence placement estimates. Estimated wastes and volumes included in the cost projection are: 100,000 gallons of waste oil, 100 cubic yards of contaminated soil, 70 cubic yards of solidified sludge, 50 cubic yards of oil-contaminated oil dry, 90 cubic yards of demolition debris, and two 55-gallon drum carbon and sand filters used to filter the decontamination water. Decontaminated scrap metal from the dismantled tanks will be sold to a metal reclamation company.

The attached cost projection is based on 23 12-hour work days at an estimated cost of \$704,084.76. The cost projection was generated using O.H. Materials as the Emergency Response Cleanup Services contractor and includes estimates for transportation and disposal. Attached is a list of the assumptions used for developing the cost estimate.



Mr. Duane Heaton

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April 25, 1990

Should you have any questions or require additional information, please feel free to contact us.

Very truly yours,

ROY F. WESTON, INC.

Sally Matz
FR2 Mike Piro
Environmental Chemist

William R Doyle
William R. Doyle
Technical Assistance Team
Leader, Region V

MP:dn
Attachment
cc: L. Zintak, OSC

**Assumptions Used for the
Interstate Pollution Control Cost Projection**

1. Removal activities to be conducted over 23 12-hour days.
2. Utilities present for 23 days.
3. 17 cubic yards per truck-load for transportation.
4. 5 20,000-gallon underground storage tanks.
5. 2 10,000-gallon underground storage tanks.
6. 1 100,000-gallon above ground storage tank empty.
7. All underground storage tanks are full of waste oil except one 10,000 gallon tank which is filled with contaminated oil dry.
8. 90% of all waste in tanks is pumpable; all oil-containing tanks contain 10% sludge.
9. Solidify sludge with lime at a 3:1 sludge to lime ratio.
10. 100 cubic yards of contaminated soil from tank excavation area.
11. 90 cubic yards of demolition debris from on-site building.

<u>Waste</u>	<u>Quantity</u>	<u>Disposal Site</u>	<u>Disposal Cost</u>
Cnt. soil	100 yd ³	CWM Adams Center, IN	185.00/yd ³
Sld. sludge	70 yd ³	CWM Adams Center, IN	185.00/yd ³
Cnt. oil dry.	50 yd ³	CWM Adams Center, IN	185.00/yd ³
Demol. debris	90 yd ³	CWM Adams Center, IN	185/yd ³
Snd. & C. filter	2 drm	CWM Adams Center, IN	200.00/drm
Waste oil	100,000 gal	EWR, Coal City	1.20/gal

Projection ID No.: 2638

Date: 03/08/90

Cleanup Contractor: O.H. MATERIALS

TAT Contractor: WESTON

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Cost Projection Summary

Contractor Personnel	78,866.88
Contractor Equipment	22,193.69
Unit Rate Materials	17,320.93
Subcontractors	18,583.43
Waste Transportation	35,976.00
Waste Disposal	315,237.00
Cleanup Contractor Subtotal	488,177.93
Federal and State Agencies	12,608.00
Extramural Subtotal	500,785.93
15 % Extramural Contingency	75,117.89
Extramural Subtotal	575,903.82
TAT Personnel	36,343.80
Total TAT Costs	36,343.80
Extramural Subtotal	612,247.62
15 % Project Contingency	91,837.14
Total Extramural Cost	704,084.76
Project Total	704,084.76

Cost Projection Information

Redacted-information not relevant to the selection of the removal action.